

Center Hill Dam Safety



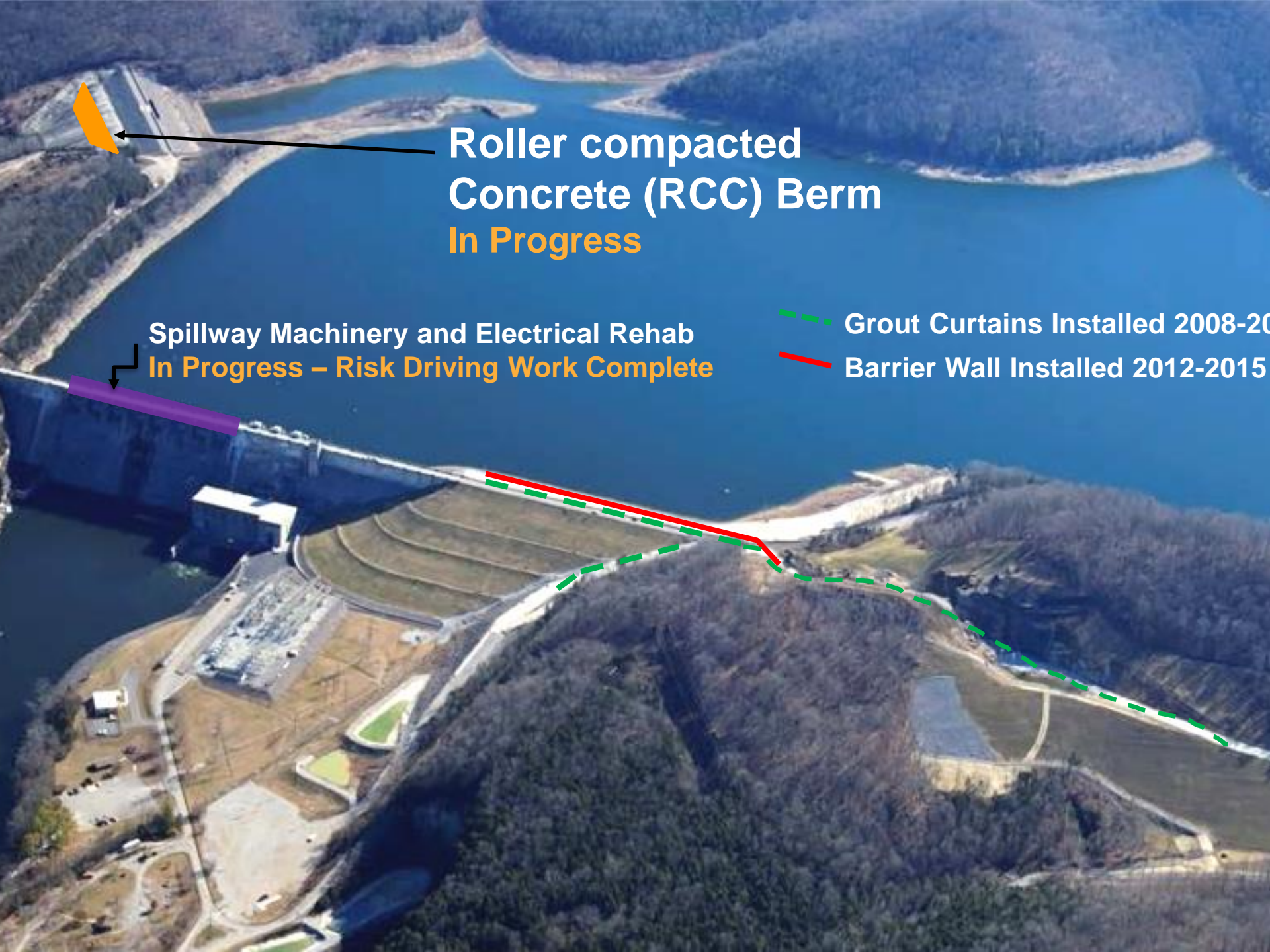
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Center Hill Project Manager

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**Roller compacted
Concrete (RCC) Berm
In Progress**

**Spillway Machinery and Electrical Rehab
In Progress – Risk Driving Work Complete**

Grout Curtains Installed 2008-2010

Barrier Wall Installed 2012-2015



DAM SAFETY

Main Dam Risk – Internal Erosion

Addressed by Barrier Wall (DSAC 1 ➡ DSAC 2, Jan '18)

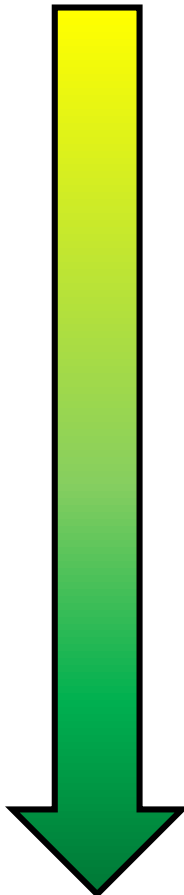
Saddle Dam Risk – Internal Erosion & Overtopping

Addressed by Saddle Dam RCC Berm

Dam Safety Modification Study – Premature Fuse Plug Activation

Addressed by O&M Electrical-Mechanical Rehab

Remaining Dam Safety Work

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- O&M EM Gate Rehab May 2019
 - Complete RCC Berm* Nov 2019
 - Conduct Post Evaluation Dec 2019
 - Vertical Team approval (concurrent with RCC Berm completion & PIE)

Lake is returned to normal operation

Realize full Hydropower & Rec benefits

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*Complete RCC Berm to weir height 658' (98 of 137 lifts).



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QUESTIONS?



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